

# N1073 Box Network Camera



## CCD / Day&Night / WDR (Digital)

- 1/3" Sony Super HAD CCD II Sensor in High Resolution
- H.264/MJPEG Dual Codec & Streaming simultaneously
- Up to NTSC (720x480) / PAL(720x576)
- Digital I/O for External Sensor and Alarm
- Mechanical ICR
- ATR Digital Powerful WDR(52dB)
- Anti-Headlight (HLC)
- 3D De-Interlace, 3D Noise Reduction
- 2 Way Audio Support
- Micro SD Card Support
- 3GPP Support
- Wireless (Option)
- PoE Power Over Ethernet IEEE802.3af (Option)



### Specifications

Camera		Processors and Memory	
Sensor	1/3" Sony Super HAD CCD II	CPU	ARM9 SOC
Scan Method	Interlace	Flash and Memory	16MB NOR flash, 256MB DDRII
Lens	C-Mount/CS-Mount	Storage	
Number of Effective Pixel (H*V)	Up to NTSC (720x480) / PAL(720x576)	External	1x Micro SD card
Minimum Illumination	Color 0.1 Lux / B/W 0.05Lux (AT 30 IRE F1.0 Lens)	I/O and Connectors	
Wide Dynamic Range	ATR Digital WD (52dB)	LAN	1x RJ45 Ethernet connector with LED
Horizontal Resolution	Color 520TVL, B/W 520TVL	Alarm I/O	1x Alarm-in (2pin), 1x Alarm-out (3pin)
ADC Resolution	12bit	Audio	1x Audio Microphone-in (3.5mm jack), 1x Audio Line-out (3.5mm jack)
SNR(max)	Mor than 50dB (AGC off, Weight on)	Video	1x Composite output (BNC)
White Balance	Auto (2500~9500)	Software	
Gain Control	High/Middle/Low, 3 step selection	Browser	Internet Explorer 6.0 or above
Day and Night	ICR (Auto control by photo sensor; Manual control by CGI)	Application Software	VMS Application Software
DNR	IR-Cut Filter Removable	OS supported	Microsoft Windows 2000, XP, Vista, Windows 7
Flicker Control	Yes	Features	
Electronic Shutter	On/Off	User Setting	Dynamic DNS
	AUTO : 1/50(60)sec. ~ 1/100,000sec.	Date/ Time Setting	Motion Detection
	Manual Shutter :	Video image control	Events
	0: 1/50(60)sec., 1:FL 1/120(100)sec., 2:1/250sec., 3:1/500sec.,	Upload configuration	Triggered Actions
	4:1/1,000sec., 5:1/2,000sec. 6:1/4,000sec., 7:1/10,000sec.		
IRIS Control	DC-IRIS (Mechanical IRIS auto adjustment)	Open API	
HLC(High Light Compensation)	On/Off		CGI commands to control camera
Backlight Compensation	On/Off		Media SDK to handle streaming
Video		Factory Default	
Video Compression	H.264 BP, MJPEG dual codec, dual streaming, multiple profiles		Button
Video Framerate	dual streaming (NTSC 720x480@30fps / PAL 720x576@25fps)	Wireless	
Resolution	H.264 : D1 (704x480/NTSC, 704x576/PAL) CIF (352x240/NTSC, 352x288/PAL) QCIF (176x120/NTSC, 176x144/PAL) MJPEG: D1 (704x480/NTSC, 704x576/PAL) CIF (352x240/NTSC, 352x288/PAL) QCIF (176x120/NTSC, 176x144/PAL)	Wireless module	802.11 b/g/n (mini PCI)
Bitrate control	Both CBR and VBR, 128kbps ~ 4Mbps	Aerial terminal	SMA
Multi-streams	Maximum triple video streams:	Antenna	5db (accessories)
Digital Zoom (PC side)	1x D1, 1x CIF, and 1x QCIF for recording, preview, and 3GPP	Power	
Image Rotation	Yes, 1/2X, 1X, 2X, 4X	Power	DC 12V DC12V/ POE (Option) DC12V/AC24V (Option)
	Mirror, Flip, Rotate 180°	Power Consumption	
Panning/Tilting			TBD
Number of the Preset Positions	16	Physical Properties	
Audio		Dimensions	158mm(W) x 58.8mm(H) x 64.9mm(D)
2 Way Audio	Yes	Weights	
Compression	AMR, G.711 @ 64kbps, G.726 @ 32kbps/ Configure bit rate		TBD
Network		Operating environment	
Streaming Protocols	RTSP/RTP/UDP,RTSP/RTP/TCP,RTSP/RTP/HTTP tunneling, LAN Multicast, Multipart-JPEG	Operating temperature	-10°C~ +50°C
Supported Protocols	IPv4, HTTP, UDP, TCP, ICMP, IGMP, ARP, DHCP, NTP, SMTP, FTP, SAMBA, UPnP, PPPoE, DNS, DDNS, RTSP, RTP, RTCP	Storage temperature	-20°C~ +60°C
3GPP Mobile Surveillance	Yes	Humidity	0% ~ 90% non-condensing
		Certification	
			CE, FCC Class A, RoHS
		Warranty	
			24 months

### Dimension Diagram

### Distributed by:

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